## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application:

## **LISTING OF CLAIMS:**

1. (Currently Amended) A method for operating a device driver, comprising the steps of:

providing a device driver comprising an encrypted encrypting a program code portion of a main process of a device driver thereof;

decrypting the encrypted program code portion in an initialization process of said device driver;

executing the decrypted program code portion; and

re-encrypting the <u>executed</u> decrypted program code portion after the decrypted program code portion is executed and before in an end process of the device driver, in which said device driver is released.

2. (Currently Amended) A method for operating a device driver, comprising the steps of:

providing a device driver comprising an encrypted enerypting a program code portion of a main process of a device driver thereof;

initializing said device driver;

decrypting the encrypted program code portion after the initialization process device driver is performed initialized;

executing the decrypted program code portion;

re-encrypting the <u>executed</u> decrypted program code portion after the decrypted program code portion is executed; and

releasing said device driver in an end process of the device driver, after the reencrypting of the executed decrypted program code portion.

3. (Currently Amended) A method for operating a device driver, comprising the steps of:

providing a device driver comprising an encrypted encrypting a program code portion of a main process of a device driver with thereof, wherein the encrypted program code portion has been encrypted a first time with a first encryption key and then encrypting encrypted a second time with the encrypted program code portion with a second encryption key;

<u>primarily</u> decrypting the <u>encrypted</u> program code portion that has been encrypted with the first encryption key with a first decryption key in an initialization process of the device driver;

secondarily decrypting the <u>decrypted</u> program code portion that has been encrypted with the second encryption key with a second decryption key after the initialization process is completed;

executing the secondarily decrypted program code portion;

<u>primarily</u> re-encrypting the <u>secondarily decrypted</u> program code portion with the second encryption key <u>after the program code portion is executed</u>; and

secondarily re-encrypting the re-enrypted program code portion with the first encryption key after the program code portion is executed and before said device driver is released.

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Amendment Under 37 C.F.R. § 1.111 U.S. Appln No. 10/076,404

- 4. (Currently Amended) The method as claimed in claim 1, wherein at least one memory area is disposed on further comprising extracting a numeric value from an application; and creating a key, corresponding to the numeric value, for encrypting and decrypting and re-encrypting the program code portion in said encrypting, decrypting and re-encrypting of the program code portionsteps is created corresponding to a numeric value stored in one of the memory areas.
- 5. (Currently Amended) The method as claimed in claim 2, wherein at least one memory area is disposed on further comprising extracting a numeric value from an application; and creating a key, corresponding to the numeric value, for encrypting and decrypting and re-encrypting the program code portion in said encrypting, decrypting and re-encrypting of the program code portionsteps is created corresponding to a numeric value stored in one of the memory areas.
- 6. (Currently Amended) The method as claimed in claim 1, <u>further comprising</u>

  <u>performing wherein</u> an authentication is <u>performed</u> between an application and said device driver.
- 7. (Currently Amended) The method as claimed in claim 2, <u>further comprising</u>

  <u>performing wherein</u> an authentication is <u>performed</u> between an application and said device driver.
  - 8. (Currently Amended) The method as claimed in claim 1, <u>further comprising</u>:

providing an application, which requests the device driver;

wherein before supplying output data to said device driver, an utilizing the application to detect detects whether or not the program code portion of said device driver has been forged before supplying output data to said device driver, and when the program code portion of said device driver has been forged, the application stops outputting the output data to hardware, and

wherein before supplying input data to the application, said utilizing the device driver to detect detects whether or not the a program code portion of the application has been forged before supplying input data to the application, and when the program code portion of the application has been forged, said device driver stops outputting the input data to the application.

9. (Currently Amended) The method as claimed in claim 2, <u>further comprising:</u> providing an application, which requests the device driver;

wherein before supplying output data to said device driver, an utilizing the application to detect detects whether or not the program code portion of said device driver has been forged before supplying output data to said device driver, and when the program code portion of said device driver has been forged, the application stops outputting the output data to hardware, and

wherein before supplying input data to the application, said utilizing the device driver to detect detects whether or not the a program code portion of the application has been forged before supplying input data to the application, and when the program code portion of the application has been forged, said device driver stops outputting the input data to the application.

- 10. (Currently Amended) The method as claimed in claim 8,
  wherein said device driver does not decrypt the encrypted data of the application, and
  wherein only when the program code portion of said device driver has not been
  forged, the application decrypts the encrypted data and outputs provides the decrypted data as
  the output data to said device driver.
- 11. (Currently Amended) The method as claimed in claim 9,
  wherein said device driver does not decrypt the encrypted data of the application, and
  wherein only when the program code portion of said device driver has not been
  forged, the application decrypts the encrypted data and outputs provides the decrypted data as
  the output data to said device driver.
- 12. (New) The method as claimed in claim 1, wherein the device driver communicates between an application arranged at a user level, and hardware arranged at a privilege level.
- 13. (New) The method as claimed in claim 2, wherein the device driver communicates between an application arranged at a user level, and hardware arranged at a privilege level.
- 14. (New) The method as claimed in claim 3, wherein the device driver communicates between an application arranged at a user level, and hardware arranged at a privilege level.